

Lars Eriksson

List of Publications by Year in descending order

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79
papers

4,092
citations

109321

35
h-index

114465

63
g-index

93
all docs

93
docs citations

93
times ranked

3844
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydration of Lanthanoid(III) Ions in Aqueous Solution and Crystalline Hydrates Studied by EXAFS Spectroscopy and Crystallography: The Myth of the "Gadolinium Break". Chemistry - A European Journal, 2008, 14, 3056-3066.	3.3	248
2	Direct Catalytic Enantioselective Aza-Diels-Alder Reactions. Angewandte Chemie - International Edition, 2005, 44, 4877-4880.	13.8	236
3	Catalytic Enantioselective Domino Oxa-Michael/Aldol Condensations: Asymmetric Synthesis of Benzopyran Derivatives. Chemistry - A European Journal, 2007, 13, 574-581.	3.3	215
4	A 3.0 ps Room Temperature Excited State Lifetime of a Bistridentate Ru(II)-Polypyridine Complex for Rod-like Molecular Arrays. Journal of the American Chemical Society, 2006, 128, 12616-12617.	13.7	203
5	Binuclear Iron-Sulfur Complexes with Bidentate Phosphine Ligands as Active Site Models of Fe-Hydrogenase and Their Catalytic Proton Reduction. Inorganic Chemistry, 2007, 46, 1981-1991.	4.0	176
6	Enantioselective Organocatalytic Hydrophosphination of α,β -Unsaturated Aldehydes. Angewandte Chemie - International Edition, 2007, 46, 4507-4510.	13.8	167
7	Iron hydrogenase active site mimic holding a proton and a hydride. Chemical Communications, 2006, , 520-522.	4.1	154
8	A New Dinuclear Ruthenium Complex as an Efficient Water Oxidation Catalyst. Inorganic Chemistry, 2009, 48, 2717-2719.	4.0	143
9	Tuning the electronic properties of $\text{Fe}_2(\mu_4\text{-areneedithiolate})(\text{CO})_6\text{-(PMe}_3)_n$ ($n=0, 2$) complexes related to the [Fe-Fe]-hydrogenase active site. Comptes Rendus Chimie, 2008, 11, 875-889.	0.5	127
10	Steric Influence on the Excited-State Lifetimes of Ruthenium Complexes with Bipyridyl-Alkylene-Pyridyl Ligands. Inorganic Chemistry, 2008, 47, 3540-3548.	4.0	127
11	Organocatalytic Enantioselective Aminosulfonylation of α,β -Unsaturated Aldehydes. Angewandte Chemie - International Edition, 2008, 47, 8468-8472.	13.8	124
12	Highly enantioselective synthesis of 2H-1-benzothiopyrans by a catalytic domino reaction. Tetrahedron Letters, 2006, 47, 8547-8551.	1.4	119
13	A Highly Enantioselective Catalytic Domino Aza-Michael/Aldol Reaction: One-Pot Organocatalytic Asymmetric Synthesis of 1,2-Dihydroquinolidines. Advanced Synthesis and Catalysis, 2007, 349, 827-832.	4.3	119
14	Synthesis and Characterization of Polybrominated Diphenyl Ethers – Unlabelled and Radiolabelled Tetra-, Penta- and Hexabromodiphenyl Ethers.. Acta Chemica Scandinavica, 1996, 50, 802-807.	0.7	115
15	Coordination Chemistry Study of Hydrated and Solvated Lead(II) Ions in Solution and Solid State. Inorganic Chemistry, 2011, 50, 1058-1072.	4.0	106
16	Hydration and Hydrolysis of Thorium(IV) in Aqueous Solution and the Structures of Two Crystalline Thorium(IV) Hydrates. Inorganic Chemistry, 2009, 48, 11712-11723.	4.0	104
17	A New Strategy for the Improvement of Photophysical Properties in Ruthenium(II) Polypyridyl Complexes. Synthesis and Photophysical and Electrochemical Characterization of Six Mononuclear Ruthenium(II) Bisterpyridine-Type Complexes. Inorganic Chemistry, 2005, 44, 3215-3225.	4.0	97
18	Highly Hydrated Cations: Deficiency, Mobility, and Coordination of Water in Crystalline Nonhydrated Scandium(III), Yttrium(III), and Lanthanoid(III) Trifluoromethanesulfonates. Chemistry - A European Journal, 2005, 11, 4065-4077.	3.3	90

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19	Organocatalytic Asymmetric Hydrophosphination of α,β -Unsaturated Aldehydes: Development, Mechanism and DFT Calculations. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 1875-1884.	4.3	87
20	Sulfur X-ray Absorption and Vibrational Spectroscopic Study of Sulfur Dioxide, Sulfite, and Sulfonate Solutions and of the Substituted Sulfonate Ions XSO_3^- ($X = H, Tl, Et, n-Bu, i-Bu, Ph$)	4.0	70
21	Structural Study of the N,N -Dimethylpropyleneurea Solvated Lanthanoid(III) Ions in Solution and Solid State with an Analysis of the Ionic Radii of Lanthanoid(III) Ions. <i>Inorganic Chemistry</i> , 2010, 49, 4420-4432.	4.0	74
22	Influence of an electron-deficient bridging <i>o</i> -carborane on the electronic properties of an [FeFe] hydrogenase active site model. <i>Dalton Transactions</i> , 2008, , 2379.	3.3	68
23	Direct Enantioselective Synthesis of Bicyclic Diels-Alder Products. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 2549-2555.	4.3	62
24	Synthesis and Characterization of 2,6-Di(quinolin-8-yl)pyridines. New Ligands for Bistridentate Ru^{II} Complexes with Microsecond Luminescent Lifetimes. <i>Journal of Organic Chemistry</i> , 2007, 72, 10227-10230.	3.2	56
25	Palladium Pincer Complex-Catalyzed Condensation of Sulfonimines and Isocynoacetate to Imidazoline Derivatives. Dependence of the Stereoselectivity on the Ligand Effects. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 2585-2594.	4.3	54
26	Stereoselective allylboration of imines and indoles under mild conditions. An <i>in situ</i> E/Z isomerization of imines by allylboroxines. <i>Chemical Science</i> , 2014, 5, 2732-2738.	7.4	54
27	One-Pot Catalytic Asymmetric Cascade Synthesis of Cycloheptane Derivatives. <i>Chemistry - A European Journal</i> , 2008, 14, 2693-2698.	3.3	52
28	Molybdenum-Catalyzed Allylic Substitution. Influence of 1,10-Phenanthroline Ligands on Reactivity and Selectivity. <i>Organometallics</i> , 1997, 16, 942-950.	2.3	51
29	Crystallographic and Vibrational Spectroscopic Studies of Octakis(DMSO)lanthanoid(III) Iodides. <i>Inorganic Chemistry</i> , 2007, 46, 7731-7741.	4.0	46
30	Attachment of a Hydrogen-Bonding Carboxylate Side Chain to an [FeFe] Hydrogenase Model Complex: Influence on the Catalytic Mechanism. <i>Chemistry - A European Journal</i> , 2010, 16, 2537-2546.	3.3	46
31	New coordination polymer networks based on copper(II) hexafluoroacetylacetonate and pyridine containing building blocks: synthesis and structural study. <i>New Journal of Chemistry</i> , 2006, 30, 1808-1819.	2.8	39
32	Organocatalytic enantioselective domino synthesis of highly functionalized cyclohexanes with an all-carbon quaternary stereocenter. <i>Tetrahedron Letters</i> , 2009, 50, 3458-3462.	1.4	36
33	Two tetranuclear Mn-complexes as biomimetic models of the oxygen evolving complex in Photosystem II. A synthesis, characterisation and reactivity study. <i>Dalton Transactions</i> , 2009, , 10044.	3.3	34
34	$Na_8[Cr_4B_{12}P_8O_{44}](OH)_4$ A 3D Borophosphate Framework with Spherical Cages. <i>Chemistry - A European Journal</i> , 2008, 14, 7212-7217.	3.3	30
35	Molecular orbital studies on brominated diphenyl ethers. Part I: conformational properties. <i>Chemosphere</i> , 2005, 59, 1033-1041.	8.2	27
36	Redox Chemistry of a Dimanganese(II,III) Complex with an Unsymmetric Ligand: Water Binding, Deprotonation and Accumulative Light-Induced Oxidation. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 5033-5047.	2.0	27

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37	Na ₅ [M ₂₄ O ₃₄ (OH) ₁₂]·nH ₂ O (M =) Tj ETQq1 1 0.784314 Flux Synthesis. Inorganic Chemistry, 2008, 47, 3228-3233.	4.0	25
38	Resolution of Conformationally Chiral <i>mer</i> -[Ru(dqp) ₂] ²⁺ and Crystallographic Analysis of [Ru(dqp) ₂][TRISPHAT] ₂ (dqp=2,6-di(quinolin-8-yl)pyridine; TRISPHAT=Tris(tetrachlorocatecholate)phosphate). Chemistry - A European Journal, 2010, 16, 7078-7081.	3.3	23
39	An EXAFS Spectroscopic, Large-Angle X-Ray Scattering, and Crystallographic Study of Hexahydrated, Dimethyl Sulfoxide and Pyridine 1-Oxide Hexasolvated Mercury(II) Ions. Chemistry - A European Journal, 2008, 14, 6687-6696.	3.3	22
40	Structure and bonding of bisaquamercury(ii) and trisaquathallium(iii) trifluoromethanesulfonate. Dalton Transactions RSC, 2002, , 4357-4364.	2.3	21
41	Potassium ion-mediated non-covalent bonded coordination polymers. Dalton Transactions, 2012, 41, 850-859.	3.3	20
42	The Crystal Structure of SrNb ₄ O ₆ . Journal of Solid State Chemistry, 1995, 114, 301-307.	2.9	18
43	The crystal structure of TiCu ₅ Se ₃ . Journal of Solid State Chemistry, 1990, 87, 283-288.	2.9	17
44	Structure refinement of TiCu ₇ Se ₄ from X-ray powder profile data. Journal of Solid State Chemistry, 1991, 90, 61-68.	2.9	16
45	Ambidentate coordination of dimethyl sulfoxide in rhodium(iii) complexes. Dalton Transactions, 2011, 40, 1111-1118.	3.3	14
46	Equilibrium Study of Pd(dba) ₂ and P(OPh) ₃ in the Pd-Catalyzed Allylation of Aniline by Allyl Alcohol. Organometallics, 2014, 33, 249-253.	2.3	13
47	Coordination Chemistry of Mercury(II) in Liquid and Aqueous Ammonia Solution and the Crystal Structure of Tetraamminemercury(II) Perchlorate. Inorganic Chemistry, 2008, 47, 1953-1964.	4.0	12
48	Ir-Catalyzed Asymmetric and Regioselective Hydrogenation of Cyclic Allylsilanes and Generation of Quaternary Stereocenters via the Hosomi-Sakurai Allylation. Chemistry - A European Journal, 2018, 24, 1681-1685.	3.3	12
49	Studies on Ba ₂ Nb _{5-x} Ti _x O ₉ (0 ≤ x ≤ 1.75). Journal of Alloys and Compounds, 1997, 248, 33-41.	5.5	9
50	A structural study of the N,N'-dimethylpropyleneurea solvated zinc(II) and cadmium(II) ions in solution and crystalline state. Journal of Molecular Liquids, 2007, 131-132, 105-112.	4.9	9
51	Synthesis, Characterization and Reactivity Study of a New Penta-Coordinated Mn(II) Complex. Applied Magnetic Resonance, 2009, 36, 9-24.	1.2	9
52	A new square planar mononuclear Mn(III) complex for catalytic epoxidation of stilbene. Journal of Organometallic Chemistry, 2008, 693, 1150-1153.	1.8	7
53	Methyl 4-O-β-D-glucopyranosyl β-D-glucopyranoside hemihydrate. Acta Crystallographica Section C: Crystal Structure Communications, 2000, 56, 702-704.	0.4	6
54	2,4-Dibromophenyl 2,6-dibromophenyl ether. Acta Crystallographica Section E: Structure Reports Online, 2002, 58, o347-o349.	0.2	6

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55	2,3,4,5,6-Pentabromophenyl phenyl ether. Acta Crystallographica Section E: Structure Reports Online, 2002, 58, o794-o796.	0.2	6
56	Nonaquaactinium(III) tris(bromate). Acta Crystallographica Section E: Structure Reports Online, 2006, 62, m126-m128.	0.2	6
57	Phenyl 2,4,6-tribromophenyl ether. Acta Crystallographica Section E: Structure Reports Online, 2001, 57, o930-o932.	0.2	5
58	Bifurcated Hydrogen Bonding and Asymmetric Fluctuations in a Carbohydrate Crystal Studied via X-ray Crystallography and Computational Analysis. Journal of Physical Chemistry B, 2013, 117, 7546-7553.	2.6	5
59	4-Bromophenyl 2,4-dibromophenyl ether. Acta Crystallographica Section E: Structure Reports Online, 2002, 58, o696-o698.	0.2	4
60	Di-p-bromophenyl ether, a redetermined crystal structure derived from low-quality diffraction data. Acta Crystallographica Section B: Structural Science, 2004, 60, 734-738.	1.8	4
61	Amygdalin trihydrate. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o860-o862.	0.2	4
62	Sodium trichloromethanesulfonate monohydrate. Acta Crystallographica Section C: Crystal Structure Communications, 2006, 62, m419-m420.	0.4	4
63	Methyl α -L-rhamnosyl-(1 \rightarrow 2)-[α -L-rhamnosyl-(1 \rightarrow 3)]- α -L-rhamnoside pentahydrate: synchrotron study. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2221-o2222.	0.2	4
64	Formation of a heteronuclear hydrolysis complex in the ThIV \leftrightarrow FeIII system. Dalton Transactions, 2012, 41, 4451.	3.3	4
65	Crystal structure of methyl α -D-rhamnopyranosyl-(1 \rightarrow 2)- α -D-rhamnopyranoside monohydrate. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 854-857.	0.5	4
66	Methyl 2-O- β -D-glucopyranosyl- α -L-rhamnopyranoside. Acta Crystallographica Section C: Crystal Structure Communications, 2002, 58, o328-o329.	0.4	3
67	Molecular structure of 2-methylamino-5-[(5-methyl-2-benzoxazolinone-3-yl)methyl]-1,3,4-thiadiazole dihydrophosphate: a combined X-ray crystallographic and ab initio study. Structural Chemistry, 2008, 19, 757-764.	2.0	3
68	Methyl 3-O- β -L-fucopyranosyl α -D-glucopyranoside trihydrate. Acta Crystallographica Section C: Crystal Structure Communications, 2003, 59, o171-o173.	0.4	2
69	Methyl 3,4,6-tri-O-acetyl-2-deoxy-2-azido- α -D-galactopyranosyl-(1 \rightarrow 2)-[3,4,6-tri-O-acetyl-2-deoxy-2-phthalimido- β -D-glucopyranosyl-(1 \rightarrow 3)]-4-O-1-solvate. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o1581-o1583.		
70	Methyl 2-O- α -D-fucopyranosyl α -D-glucopyranoside monohydrate: a synchrotron study. Acta Crystallographica Section C: Crystal Structure Communications, 2008, 64, o31-o32.	0.4	2
71	Methyl 3-O- α -D-fucopyranosyl α -D-galactopyranoside: a synchrotron study. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o528-o528.	0.2	2
72	Methyl 3-O- α -D-fucopyranosyl β -D-glucopyranoside tetrahydrate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o3180-o3181.	0.2	2

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73	Methyl 4-O-benzyl- α -L-rhamnopyranoside. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o561-o562.	0.2	2
74	Methyl 3-O- α -D-mannopyranosyl β -D-glucopyranoside tetrahydrate. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o1639-o1640.	0.2	2
75	Crystal Structure of a Cyclic Enterobacterial Common Antigen. Angewandte Chemie, 2003, 115, 2647-2650.	2.0	1
76	Methyl 4-O-benzoyl-2,3-O-isopropylidene- α -L-rhamnopyranoside. Acta Crystallographica Section C: Crystal Structure Communications, 2006, 62, o447-o449.	0.4	1
77	Ethyl 3,6-di-O-benzyl-2-deoxy-N-phthalimido-1-thio- β -D-glucopyranoside. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o3250-o3251.	0.2	1
78	Ethyl 4,6-O-benzylidene-2-deoxy-N-phthalimido-1-thio- β -D-glucopyranoside. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o3249-o3249.	0.2	1
79	Direct Catalytic Enantioselective Aza-Diels-Alder Reactions.. ChemInform, 2005, 36, no.	0.0	0